CAMBRIA

September 8, 2000

Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 2000 Monitoring Report**
Former Shell Service Station
2101 Park Boulevard
Oakland, California
Incident #97088251
Cambria Project #242-0865-002

229

Dear Mr. Chan:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

SECOND QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged the site wells, sampled well S-3, calculated groundwater elevations, and compiled the hydrocarbon analytical data. Cambria compiled the bioattenuation and other constituents data (Table 1) and prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

ANTICIPATED THIRD QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will gauge all wells, sample well S-3, and tabulate the data. Cambria will prepare a monitoring report

Additional Subsurface: Cambria has scheduled drilling activities, proposed in the April 14, 2000 work plan, for September 29, 2000 Cambria will notify your office prior to performing these activities.

Oakland, CA
San Ramon, CA
Sonoma CA
Portland OR

Cambria
Environmental
Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CLOSING

We appreciate the opportunity to work with you on this project. Please call Troy Buggle at (510) 420-3333 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Troy A. Buggle
Senior Staff Scientist

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Stephan A. Bork, C.E.G., C.HG.
Associate Hydrogeologist

Figure: 1 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Analytical Data - Other Constituents

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Frank J. Schlessinger, Schlessinger & Associates, 333 Kearney Street, San Francisco, CA 94108
Alice S Heilman, Schlessinger & Associates, 333 Kearney Street, San Francisco, CA 94108
Steve Makara, Goodyear Tire and Rubber Company, 1144 East Market Street, Akron, Ohio 44316-0001

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07/24/00

EXPLANATION

- S-1 — Monitoring well location (Enviros - 06/15/95)
- S-B — Soil boring location (Enviros - 05/16/95)
- EB-1 — Proposed soil boring location
- Groundwater flow direction
- 8.00 — Groundwater elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred

Well
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020

NEWTON AVENUE

First Generation Waste Oil Tank

Second Generation Waste Oil Tank

S-L

Planter

Existing Goodyear Building Location

S-1
8.55
<0.50 - 3/12/98
<2.5 - 3/12/98

Second Generation Dispenser Islands

S-3
8.14
714
<50.0

8.00

8.00

S-D

Third Generation USTs

S-G

First Generation Dispenser Island

S-H

7.00

7.00

S-J

Second Generation USTs

S-C

S-I

S-B

Planter

EB-1

S-F

S-2
6.15
<0.50 - 3/12/98
<2.5 - 3/12/98

First Generation USTs

PARK BOULEVARD

EB-2

0 15 30 60

Scale (ft)

Groundwater Elevation Contour Map

June 1, 2000

FIGURE

1

Former Shell Service Station
2101 Park Boulevard
Oakland, California
Incident #97088251

CAMBRIA

Table 1. Groundwater Analytical Data - Other Constituents - Former Shell Service Station, Incident #97088251, 2101 Park Boulevard, Oakland, California

Sample ID	Date Sampled	1,2-DCA	EDB	MTBE by 8260	Nitrate	Sulfate	Total Dissolved Solids	Ferrous Iron	Alkalinity	DO (ppm)	ORP (mV)
		← (Concentrations in ppb) →									
S-3	09/30/99	<0.500	<0.500	<50.0	1,280	5,600	1,120,000	1,900	1,134,000	1.6	95
	12/29/99	---	---	<62.5	<1,000	5940	1,050,000	11,550	1,400	2.1	-159
	03/07/00	---	---	---	<1,000	7,640	940,000	1,900	204,000	0.88	-92
	06/01/00	**---**	**---**	**---**	**<226**	**7,510**	**998,000**	**1,900**	**1,530,000**	**1.8**	**-135**

Abbreviations:

1,2-DCA = 1,2-dichloroethane by EPA Method 8010
EDB = Ethylene dibromide (1,2-dibromoethane) by EPA Method 8010
MTBE = Methyl tert-butyl ether by EPA Method 8020
DO = Dissolved oxygen, measured pre-purge
ORP = Oxidation reduction potential
ppb = Parts per billion
ppm = Parts per million
mV = Millivolts

Notes:

Nitrate as nitrate and sulfate as sulfate by EPA Method 300.0
Total dissolved solids by EPA Method 160.1
--- = Not analyzed / not available
DO, ORP, ferrous iron, and alkalinity measured in the field
<n = Below detection limits of n units

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

July 5, 2000

Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

Second Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
2101 Park Boulevard
Oakland, CA

Monitoring performed on June 1, 2000

Groundwater Monitoring Report **000601-S-2**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Shell Martinez Manufacturing Complex.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 C.F.R. 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/pb

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheet

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Former Shell Service Station
2101 Park Boulevard
Oakland, CA
Wic #204-5508-1206

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	06/20/1995	160	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	11.93	4.67	7.26	NA	NA
S-1	09/12/1995	<50	250	3.0	<0.5	<0.5	<0.5	NA	NA	11.93	4.19	7.74	NA	NA
S-1	12/28/1995	70	160	1.1	<0.5	<0.5	1.3	NA	NA	11.93	5.30	6.63	NA	NA
S-1	03/25/1996	70	220	<0.5	<0.5	<0.5	<0.5	<2.0	NA	11.93	3.44	8.49	NA	NA
S-1	06/27/1996	<50	140	0.59	<0.50	<0.50	<0.50	<2.5	NA	11.93	3.15	8.78	NA	NA
S-1	09/26/1996	<50	190	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	3.90	8.03	NA	NA
S-1	12/10/1996	<50	84	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	2.46	9.47	NA	NA
S-1	03/10/1997	<50	200	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	2.93	9.00	NA	NA
S-1	06/26/1997	<50	99	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	3.91	8.02	NA	NA
S-1	09/30/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	4.00	7.93	NA	NA
S-1	12/15/1997	<50	99	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	2.83	9.10	NA	NA
S-1	03/12/1998	<50	100	<0.50	<0.50	<0.50	<0.50	<2.5	NA	11.93	1.73	10.20	NA	2.7
S-1	06/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	11.93	6.05	5.88	NA	0.8
S-1	08/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	11.93	3.61	8.32	NA	1.0
S-1	12/24/1998	NA	NA	NA	NA	NA	NA	NA	NA	11.93	4.45	7.48	NA	1.0
S-1	03/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	11.93	4.17	7.76	NA	1.2
S-1	06/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	11.93	3.53	8.40	NA	2.1
S-1	09/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	11.93	3.70	8.23	NA	2.3
S-1	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	11.93	3.92	8.01	NA	2.1
S-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	11.93	2.16	9.77	NA	0.47
S-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	11.93	3.38	8.55	NA	1.1
S-2	06/20/1995	180	NA	1.1	<0.5	<0.5	0.6	NA	NA	12.06	5.80	6.26	NA	NA
S-2	09/12/1995	190	NA	18	<0.5	1.2	0.6	NA	NA	12.06	5.78	6.28	NA	NA
S-2	12/28/1995	200	NA	11	1.0	1.0	4.0	NA	NA	12.06	4.02	8.04	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2101 Park Boulevard
Oakland, CA
Wic #204-5508-1206

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-2	03/25/1996	180	NA	12	0.8	1.4	1.0	<2.0	NA	12.06	5.56	6.50	NA	NA
S-2	06/27/1996	150	NA	7.7	0.79	0.93	0.5	<2.5	NA	12.06	6.00	6.06	NA	NA
S-2	09/26/1996	83	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.73	6.33	NA	NA
S-2	12/10/1996	78	NA	1.4	<0.50	0.57	<0.50	<2.5	NA	12.06	4.57	7.49	NA	NA
S-2	03/10/1997	61	NA	1.6	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.38	6.68	NA	NA
S-2 (D)	03/10/1997	77	NA	2.0	<0.50	0.69	<0.50	<2.5	NA	12.06	NA	NA	NA	NA
S-2	06/26/1997	90	NA	1.5	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.68	6.38	NA	NA
S-2 (D)	06/26/1997	<50	99	<0.50	<0.50	<0.50	<0.50	<2.5	NA	12.06	3.91	8.02	NA	NA
S-2	09/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.75	6.31	NA	NA
S-2 (D)	09/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.75	6.31	NA	NA
S-2	12/15/1997	<50	NA	4.1	<0.50	<0.50	<0.50	<2.5	NA	12.06	5.35	6.71	NA	NA
S-2	03/12/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	12.06	4.71	7.35	NA	4.3
S-2	06/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	12.06	8.41	3.65	NA	2.2
S-2	08/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.23	6.83	NA	1.8
S-2	12/24/1998	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.94	6.12	NA	1.4
S-2	03/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.75	6.31	NA	1.8
S-2	06/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.85	6.21	NA	9.7
S-2	09/30/1999	NA	NA	NA	NA	NA	NA	NA	NA	12.06	6.42	5.64	NA	4.9
S-2	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.74	6.32	NA	2.5
S-2	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.42	6.64	NA	6.4
S-2	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	12.06	5.91	6.15	NA	2.1
S-3	06/20/1995	5500	NA	240	34	120	840	NA	NA	13.54	4.90	8.64	NA	NA
S-3 (D)	06/20/1995	6300	NA	270	37	120	1100	NA	NA	13.54	NA	NA	NA	NA
S-3	09/12/1995	5200	NA	690	14	290	280	NA	NA	13.54	5.37	8.17	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2101 Park Boulevard
Oakland, CA
Wic #204-5508-1206

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3 (D)	09/12/1995	4700	NA	620	13	260	240	NA	NA	13.54	NA	NA	NA	NA
S-3	12/28/1995	13000	NA	670	34	960	1400	NA	NA	13.54	3.90	9.64	NA	NA
S-3 (D)	12/28/1995	13000	NA	800	34	1000	1600	NA	NA	13.54	NA	NA	NA	NA
S-3	03/25/1996	7300	NA	560	65	540	820	<200	NA	13.54	4.30	9.24	NA	NA
S-3 (D)	03/25/1996	7400	NA	580	19	620	670	<20	NA	13.54	NA	NA	NA	NA
S-3	06/27/1996	17000	NA	1100	83	1200	2700	<250	NA	13.54	5.00	8.54	NA	NA
S-3 (D)	06/27/1996	1903	NA	13	1.0	14	34	7.2	NA	13.54	NA	NA	NA	NA
S-3	09/26/1996	8900	NA	920	43	400	1100	<125	NA	13.54	5.23	8.31	NA	NA
S-3 (D)	09/26/1996	9800	NA	960	41	450	1300	120	<16 a	13.54	NA	NA	NA	NA
S-3	12/10/1996	6100	NA	470	25	290	640	<100	NA	13.54	3.88	9.66	NA	NA
S-3 (D)	12/10/1996	7700	NA	550	33	380	880	120	NA	13.54	NA	NA	NA	NA
S-3	03/10/1997	7000	NA	720	29	340	620	110	NA	13.54	4.10	9.44	NA	NA
S-3	06/26/1997	11000	NA	1100	63	470	1300	150	NA	13.54	5.23	8.31	NA	NA
S-3 (D)	06/26/1997	12000	NA	1100	62	480	1400	<100	NA	13.54	NA	NA	NA	NA
S-3	09/30/1997	25000	NA	970	170	1200	4600	<50	NA	13.54	5.36	8.18	NA	NA
S-3	09/30/1997	25000	NA	970	170	1200	4600	<50	NA	13.54	5.36	8.18	NA	NA
S-3	12/15/1997	9800	NA	840	55	420	1100	350	NA	13.54	3.81	9.73	NA	NA
S-3 (D)	12/15/1997	9800	NA	850	56	420	1100	360	<20	13.54	NA	NA	NA	NA
S-3	03/12/1998	2800	NA	260	21	140	600	<12	NA	13.54	4.79	8.75	NA	4.8
S-3 (D)	03/12/1998	2100	NA	200	15	110	450	<12	NA	13.54	NA	NA	NA	NA
S-3	06/08/1998	2500	420	220	23	170	600	<20	NA	13.54	5.60	7.94	NA	NA
S-3 (D)	06/08/1998	3200	NA	270	30	220	740	76	NA	13.54	NA	NA	NA	NA
S-3	06/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	13.54	3.49	10.05	NA	NA
S-3	08/26/1998	4000	600	520	56	270	910	<50	NA	13.54	4.89	8.65	NA	1.9
S-3 (D)	08/26/1998	4100	500	550	65	320	1100	<2.5	NA	13.54	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2101 Park Boulevard
Oakland, CA
Wic #204-5508-1206

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	12/24/1998	3700	590	320	32	210	650	55	NA	13.54	4.93	8.61	NA	1.2
S-3	03/29/1999	5400	NA	530	62	400	1100	45	NA	13.54	4.61	8.93	NA	1.5
S-3	06/30/1999	5890	NA	589	83.4	406	1710	<50.0	NA	13.54	3.58	9.96	NA	1.5
S-3	09/30/1999	1930	NA	514	13.2	185	319	<50.0	NA	13.54	5.02	8.52	NA	1.6
S-3	12/29/1999	4500	NA	483	23.9	324	572	<62.5	NA	13.54	5.32	8.22	NA	2.1
S-3	03/07/2000	1940	NA	346	10.5	65.1	74.8	<50.0	NA	13.54	6.72	6.82	NA	0.88
S-3	06/01/2000	5200	NA	714	33.6	325	551	<50.0	NA	13.54	5.40	8.14	NA	1.8

Abbreviations

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = parts per billion
ppm = parts per million
msl = Mean sea level
ft = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

Note

(a) = The MTBE was analyzed by EPA method 8260 one day past hold time. The MTBE value did not confirm therefore, all MTBE results at this site should be considered estimated.

Sequoia
Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

22 June, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 2101 Park Blvd.
Sequoia Report: MJF0041

Enclosed are the results of analyses for samples received by the laboratory on 06/02/00 12:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ted Terrasas
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 2101 Park Blvd.	
1680 Rogers Avenue	Project Number: 2101 Park Blvd./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/22/00 16:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-3	MJF0041-01	Water	06/01/00 11:15	06/02/00 12:50

Ted Terrasas, Project Manager

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 2101 Park Blvd.	
1680 Rogers Avenue	Project Number: 2101 Park Blvd./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/22/00 16:44

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-3 (MJF0041-01) Water Sampled: 06/01/00 11:15 Received: 06/02/00 12:50									
Purgeable Hydrocarbons	**5200**	1000	ug/l	20	0F05002	06/05/00	06/05/00	DHS LUFT	P-01
Benzene	**714**	10.0	"	"	"	"	"	"	
Toluene	**33.6**	10.0	"	"	"	"	"	"	
Ethylbenzene	**325**	10.0	"	"	"	"	"	"	
Xylenes (total)	**551**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*89.9 %*		*70-130*		"	"	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 2101 Park Blvd.	
1680 Rogers Avenue	Project Number: 2101 Park Blvd./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/22/00 16:44

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-3 (MJF0041-01) Water	**Sampled: *06/01/00 11:15***	**Received: *06/02/00 12:50***							
Total Dissolved Solids	**998**	10.0	mg/l	1	0F19034	06/16/00	06/19/00	EPA 160.1	I-02

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Blaine Tech Services (Shell)	Project: 2101 Park Blvd.	
1680 Rogers Avenue	Project Number: 2101 Park Blvd./ Oakland	**Reported:**
San Jose CA, 95112	Project Manager: Nick Sudano	06/22/00 16:44

Anions by EPA Method 300.0

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-3 (MJF0041-01) Water Sampled: 06/01/00 11:15 Received: 06/02/00 12:50									
Nitrate as N	ND	0.226	mg/l	10	0F05041	06/02/00	06/02/00	EPA 300.0	
Sulfate as SO4	**7.51**	5.00	"	"	"	"	"	"	

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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0F05002 - EPA 5030B [P/T]										
Blank (0F05002-BLK1)				Prepared & Analyzed: 06/05/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.50*		"	*10.0*		*95.0*	*70-130*			
LCS (0F05002-BS1)				Prepared & Analyzed: 06/05/00						
Benzene	9.71	0.500	ug/l	10.0		97.1	70-130			
Toluene	9.60	0.500	"	10.0		96.0	70-130			
Ethylbenzene	9.58	0.500	"	10.0		95.8	70-130			
Xylenes (total)	29.4	0.500	"	30.0		98.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.62*		"	*10.0*		*96.2*	*70-130*			
Matrix Spike (0F05002-MS1)		**Source: MJF0059-01**		Prepared & Analyzed: 06/05/00						
Benzene	9.91	0.500	ug/l	10.0	ND	99.1	60-140			
Toluene	9.81	0.500	"	10.0	ND	98.1	60-140			
Ethylbenzene	9.74	0.500	"	10.0	ND	97.4	60-140			
Xylenes (total)	29.5	0.500	"	30.0	ND	98.3	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.72*		"	*10.0*		*97.2*	*70-130*			
Matrix Spike Dup (0F05002-MSD1)		**Source: MJF0059-01**		Prepared & Analyzed: 06/05/00						
Benzene	9.24	0.500	ug/l	10.0	ND	92.4	60-140	7.00	25	
Toluene	8.92	0.500	"	10.0	ND	89.2	60-140	9.50	25	
Ethylbenzene	8.98	0.500	"	10.0	ND	89.8	60-140	8.12	25	
Xylenes (total)	26.7	0.500	"	30.0	ND	89.0	60-140	9.96	25	
Surrogate: a,a,a-Trifluorotoluene	*9.24*		"	*10.0*		*92.4*	*70-130*			

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San Jose CA, 95112	Project Manager: Nick Sudano	06/22/00 16:44

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0F19034 - General Preparation										
Blank (0F19034-BLK1)				Prepared: 06/16/00 Analyzed: 06/19/00						
Total Dissolved Solids	ND	10.0	mg/l							
LCS (0F19034-BS1)				Prepared: 06/16/00 Analyzed: 06/19/00						
Total Dissolved Solids	475	10.0	mg/l	500		95.0	80-120			
Matrix Spike (0F19034-MS1)		**Source: MJF0041-01**		Prepared: 06/16/00 Analyzed: 06/19/00						
Total Dissolved Solids	1410	20.0	mg/l	500	998	82.4	80-120			
Matrix Spike Dup (0F19034-MSD1)		**Source: MJF0041-01**		Prepared: 06/16/00 Analyzed: 06/19/00						
Total Dissolved Solids	1510	20.0	mg/l	500	998	102	80-120	6.85	20	

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Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0F05041 - General Preparation										
Blank (0F05041-BLK1)				Prepared & Analyzed: 06/02/00						
Nitrate as N	ND	0.0226	mg/l							
Sulfate as SO4	ND	0.500	"							
LCS (0F05041-BS1)				Prepared & Analyzed: 06/02/00						
Nitrate as N	2.11	0.0226	mg/l	2.26		93.4	90-110			
Sulfate as SO4	9.95	0.500	"	10.0		99.5	90-110			
Matrix Spike (0F05041-MS1)		**Source: MJF0041-01**		Prepared & Analyzed: 06/02/00						
Nitrate as N	20.4	0.226	mg/l	22.6	ND	90.3	80-120			
Sulfate as SO4	101	5.00	"	100	7.51	93.5	80-120			
Matrix Spike Dup (0F05041-MSD1)		**Source: MJF0041-01**		Prepared & Analyzed: 06/02/00						
Nitrate as N	21.4	0.226	mg/l	22.6	ND	94.7	80-120	4.78	20	
Sulfate as SO4	107	5.00	"	100	7.51	99.5	80-120	5.77	20	

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Notes and Definitions

I-02	This sample was analyzed outside of the EPA recommended holding time.
P-01	Chromatogram Pattern: Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE TECH SERVICES INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 000601-SQ

CLIENT: Equiva - Karen Petryna

SITE: 2101 Park Blvd.
Oakland, CA

SAMPLE I.D.	Date / Time	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	Nitrate	Sulfate and TDS	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
S-3	6/1/00 1115	W	5		X	X					X	X				01

CONDUCT ANALYSIS TO DETECT

LAB SEQUOIA DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER MJF0041

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97088251

Send report to Blaine Tech Services

Attn: Ann Pember

JUN 2 12 50

SAMPLING COMPLETED	DATE	TIME
	6/1/00	1115

SAMPLING PERFORMED BY Steve Whitt

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Steve Whitt	6/2/00	10:45		6/2/00	1045
	6/2/00		MH	6/2/00	12:50

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000601-S2 Date 6/1/00 Client Equiva

Site 2101 Park Blvd. Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	DO Readings
S-1	2					3.38	15.91	TOC	1.1
S-2	2	prior to gauging pulled out of RC				5.91	17.11	↓	2.1
S-3	2	prior to gauge and sample, pulled out of RC				5.40	15.55	↓	1.8

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000601-S2	Site: Equiva 204-5508-1206
Sampler: Stephan	Date: 6/1/00
Well I.D.: S-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 15.55	Depth to Water: 5.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:
- Bailer
- ~~Disposable Bailer~~
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: _____

"No (Gals.) X Purge" = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1110	74.3	7.2	1485	7200	———	Turbid/odor
					Ferrous Iron - 1.9	
					Alkalinity - 1530	
					ORP - 185	

Did well dewater? Yes (No) Gallons actually evacuated: ———

Sampling Time: 1115 Sampling Date: 6/1/00

Sample I.D.: S-3 Laboratory: (Sequoia) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Nitrate, Sulfate, TDS

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	1.8 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV